

Title (en)

METHOD FOR REDUCING FLUORESCENCE QUENCHING IN BIOASSAYS

Title (de)

VERKLEINERUNG DER FLUORESCENZLÖSCHUNG WÄHREND EINER BESTIMMUNG

Title (fr)

REDUCTION DE L'EXTINCTION DE FLUORESCENCE LORS D'UN DOSAGE

Publication

EP 1161685 A1 20011212 (FR)

Application

EP 00910933 A 20000314

Priority

- FR 0000608 W 20000314
- FR 9903150 A 19990315

Abstract (en)

[origin: US7309567B1] The invention relates to a process for reducing the fluorescence quenching caused by the measuring medium, in a fluorescence assay for an analyte using at least one fluorescent label, characterized in that a fluorescent conjugate comprising an oligonucleotide bonded to a rare-earth metal cryptate is introduced into the measuring medium.

IPC 1-7

G01N 33/58; **G01N 33/533**

IPC 8 full level

C12Q 1/68 (2006.01); **G01N 33/533** (2006.01); **G01N 33/58** (2006.01)

CPC (source: EP US)

G01N 33/533 (2013.01 - EP US); **G01N 33/582** (2013.01 - EP US); **G01N 2458/40** (2013.01 - EP US); **Y10S 436/80** (2013.01 - EP US)

Citation (search report)

See references of WO 0055630A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 7309567 B1 20071218; AT E383579 T1 20080115; AU 3297000 A 20001004; DE 60037723 D1 20080221; DE 60037723 T2 20081224; EP 1161685 A1 20011212; EP 1161685 B1 20080109; FR 2791141 A1 20000922; FR 2791141 B1 20010601; JP 2002539453 A 20021119; WO 0055630 A1 20000921

DOCDB simple family (application)

US 93656300 A 20000314; AT 00910933 T 20000314; AU 3297000 A 20000314; DE 60037723 T 20000314; EP 00910933 A 20000314; FR 0000608 W 20000314; FR 9903150 A 19990315; JP 2000605211 A 20000314